

Ammonia by Flow Injection Colorimetry Lachat QuikChem Method 10-107-06-1-I					
Facility Name: _____					VELAP ID _____
Assessor Name: _____		Analyst Name: _____		Inspection Date _____	
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
Are samples preserved with sulfuric acid to pH <2 and cooled to ≤6°C at the time of collection?	40 CFR Part 136.3				
Are samples analyzed within 28 days of collection?	40 CFR Part 136.3				
Prior to use, are reagent solutions degassed with helium for one minute?	7.1				
Is sodium phenolate prepared fresh at least every 5 days, and is it discarded if it turns brown?	7.1				
Is sodium hypochlorite solution prepared fresh daily?	7.1				
Is buffer solution prepared fresh monthly?	7.1				
Is sodium nitroprusside prepared fresh every 2 weeks?	7.1				
Are samples distilled (EPA 350.1, SM 4500-NH3 B-1997, AOAC 973049, or treated with gas diffusion) or does the lab have comparability data per CFR to show that the distillation is not required? (EPA 350.2 per method)	8.2				
Is initial calibrations performed at least every six months with standards not exceeding +/- 10% of stated value?	9.2.2				
Is a second source QCS analyzed with each initial calibration and the recovery within +/- 10%?	9.2.3				
Is the batch method blank below the MDL?	9.3.1				
Is the LCS recovery within +/- 10%?	9.3.2				
Is a check standard and calibration blank analyzed after daily calibrations, after every tenth sample and at the end of the run with a recovery within +/- 10%?	9.3.4				
Notes/Comments:					

Ammonia by Flow Injection Colorimetry- LATCHAT QuickChem Method 10-107-06-1-C					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Are a minimum of 10 percent of all samples spiked at a level the same as the LCS, in duplicate , and the LFM recovery within +/- 10%?	9.4.2				
Is a RPD of the duplicate LFMs (LSM) within 10%	9.4.4				
If samples are over-range, are they diluted and reanalyzed?	12.2				
Notes/Comments:					